



Pleasanton Unified School District

Measure I1 Portables Replacement and High School Science Lab Project Updates **Amador Valley HS (AVHS) & Foothill HS (FHS)**

Board of Trustee Meeting

Tuesday, June 11, 2019

Item 12.9



Presentation Items

1. Process & Timeline
2. Amador Valley High School
3. Foothill High School
4. CTE Grant Application Update
5. Next Steps



Section 1

Process & Timeline



Process & Timeline

July 7, 2016	Board approved bond project list (Item 4ci) - Build, Modernize, and Upgrade Existing School Buildings and Classrooms
November 8, 2016	Measure I1 was passed by Pleasanton voters.
June 27, 2017	Board reviewed a list of projects that would be funded from the first issuance of bond funds which included \$11.5M for modernization projects.
August 8, 2017	Board approved the first bond issuance.
October 2017	First issuance funds were received.
January 29, 2018	The Facilities Master Plan (FMP) Committee agreed on a recommendation to spend the \$11.5M of the first issuance of which \$10M was allocated to replace leased portable classrooms at Amador Valley High School (10 leased portables) and Foothill High School (6 leased portables).
May 22, 2018	BOT approved HKIT Architects as the Architect.



Process & Timeline

September 5, 2018	<p>The Board Facilities Sub-Committee (FSC) meeting was held to review the design options for the new Portable Classrooms at Amador Valley HS and Foothill HS. After review of the options, FSC recommended to include the Science Labs for 3 main reasons:</p> <ol style="list-style-type: none"> 1. Cost Savings (Economies of scale & Escalation) 2. Minimize disruption of school campuses due to construction activities. 3. Limited options for location of new buildings.
October 9, 2018	<p>CTE received Board approval at the Board of Trustees meeting, item #12.3, for the Career Technical Education Facilities Program (CTEFP) Grant Application for Foothill HS for the CTE Plaza and Building.</p>
October 23, 2018	<p>Board approved to move up the High School Science Classroom funds from Issuance C in 2022 to Issuance B in 2019 for economies of scale.</p>
February 15, 2019	<p>CTE was informed from the State that two (2) out of three (3) grant applications have received a passing grade. Pending final decision in May or June 2019.</p>
March 28, 2019	<p>Staff presented an update to the Facilities Sub Committee (FSC) which included an estimated project cost and proposed phasing plan. The FSC recommended proceeding with the design of the full project scope with a phased construction plan based on possible future CTE Grant funding.</p>



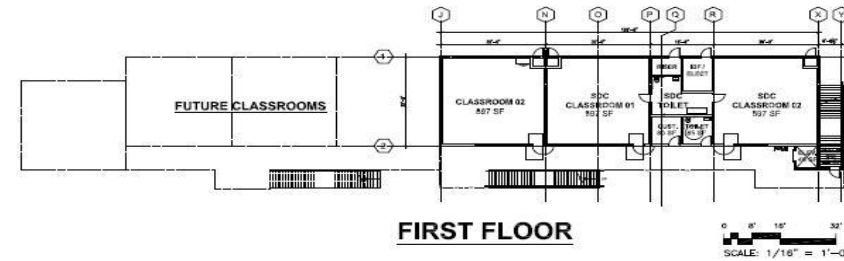
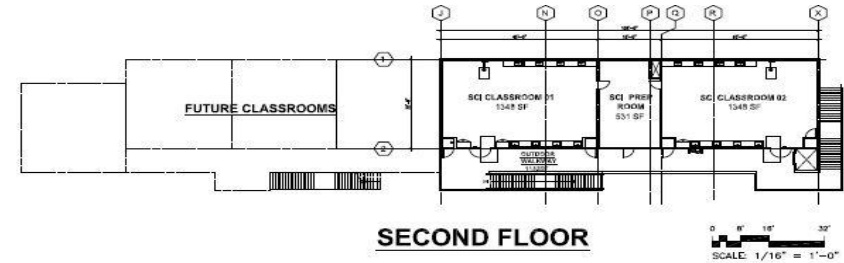
Section 2

Amador Valley High School



Amador Valley High School

Phases 1 - \$5.5M Const. Costs (Current Funding)



SCENARIO 1 CLASSROOM CALC.

FIRST FLOOR: 3 CLASSROOMS (W/ 2-SDC CLASS & TOILET) + TOILET, CUSTODIAL, IDF / ELECTRICAL, FIRE RISER, ELEVATOR, MACHINE ROOM
SECOND FLOOR: 2 SCI CLASSROOM + SCI PREP ROOM
TOTAL CLASSROOMS: 5

AREA CALC.

FIRST FLOOR + SECOND FLOOR = 7,187 SF
OUTDOOR WALKWAY = 1,182 SF
STAIRS: 388 SF
TOTAL AREA: 8,757 SF

APPROX. COST ESTIMATE:

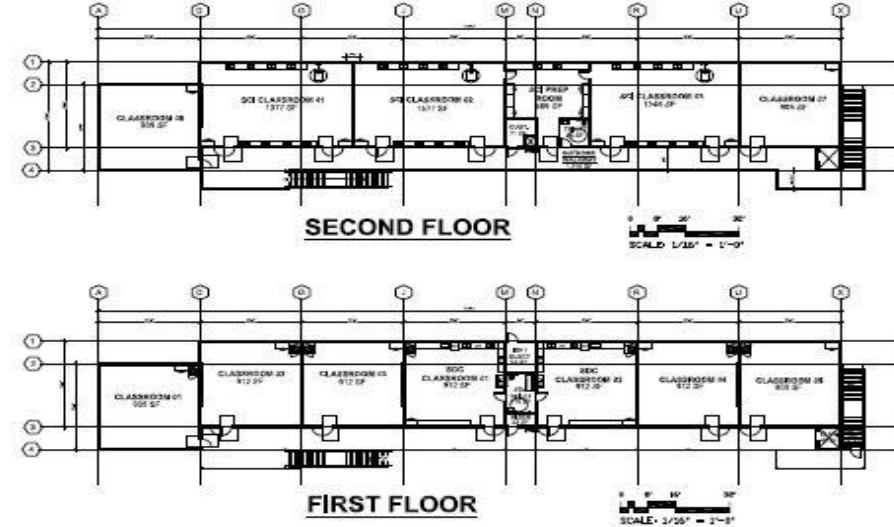
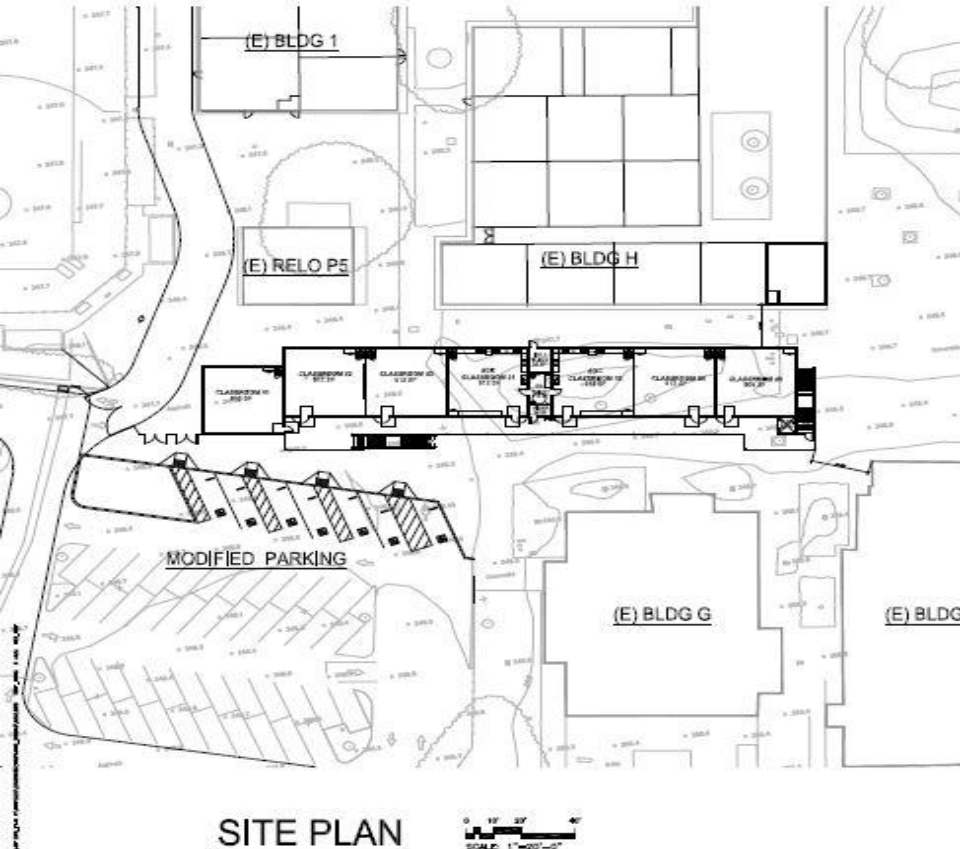
8,757 X +/- \$575/SF = +/- \$5M
REQUIRED SITE WORK: +/- \$768,000
TOTAL ESTIMATED COST: +/- \$5.76M + ESCALATION @ +/- 7.7% = \$6.2M

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Amador Valley High School

Phase 2 - \$11.3M Const. Costs (with Future Funding)



SCENARIO 3 CLASSROOM CALC:
 FIRST FLOOR: 7 CLASSROOMS (W/ 2-SDC CLASS & TOILET), IDF / ELEC. ROOM, FIRE RISER, ELEVATOR, AND MACHINE ROOM
 SECOND FLOOR: 5 CLASSROOM (W/ 3-SCI CLASSROOMS & PREP ROOM), TOILET, CUST. ROOM
 TOTAL CLASSROOMS: 12

AREA CALC:
 FIRST FLOOR + SECOND FLOOR = 14,343 SF
 OUTDOOR WALKWAY = 1,910 SF
 TOTAL AREA: 16,253 SF

APPROX. COST ESTIMATE:
 16,253 X \$560/SF = \$9M
 REQUIRED SITE WORK @ APPROX. \$1.4M
 TOTAL ESTIMATED COST: \$10.4M + ESCALATION @ \$806,291 = \$11,237,511



Amador Valley High School Cost Estimate Update - Summary

Amador Valley High School Portable Replacement Project
Pleasanton, CA
Schematic Design - rev3

Project # 19-00094.00
03/11/19

SUMMARY

Element	Area	Cost / SF	Total
New Classroom Building	16,197	\$556.04	\$9,005,913
Sitework	30,000	\$47.51	\$1,425,347
Escalation to MOC, 11/19/20			\$806,291
Total Estimated Construction Cost			\$11,237,551

Add Alternates

		Total
Standing Seam Metal Roof in Lieu of Built-up Roofing	ADD	\$470,000
Ornamental Fencing & Gates in Lieu of Vinyl-Coated Chain Link Fencing & Gates	ADD	\$81,000
Upgrades at Existing Nearby Student Restroom Where Required for Access Compliance	ADD	\$50,000



Amador Valley High School

Cost Estimate Update - Detailed

Amador Valley High School Portable Replacement Project
Pleasanton, CA
Schematic Design - rev3

Project # 19-00094.00
03/11/19

SUMMARY MATRIX

Element	New Classroom Building 16,197 SF		Sitework 30,000 SF		Overall Totals	
	Total	Cost/SF	Total	Cost/SF	Total	Cost/SF
01 General Requirements						
02 Existing Conditions						
03 Concrete	\$469,909	\$29.01	\$179,515	\$5.96	\$179,515	\$3.89
04 Masonry					\$469,909	\$10.17
05 Metals	\$295,181	\$18.22			\$295,181	\$6.39
06 Wood, Plastics, And Composites	\$1,025,251	\$63.30			\$1,025,251	\$22.19
07 Thermal And Moisture Protection	\$453,453	\$28.00			\$453,453	\$9.82
08 Openings	\$382,500	\$23.62			\$382,500	\$8.28
09 Finishes	\$1,472,542	\$90.92			\$1,472,542	\$31.88
10 Specialties	\$39,490	\$2.44			\$39,490	\$0.85
11 Equipment	\$41,300	\$2.55			\$41,300	\$0.89
12 Furnishings	\$29,344	\$1.81			\$29,344	\$0.64
13 Special Construction						
14 Conveying Systems	\$190,000	\$11.73			\$190,000	\$4.11
21 Fire Suppression	\$114,766	\$7.09			\$114,766	\$2.48
22 Plumbing	\$405,001	\$25.01			\$405,001	\$8.77
23 HVAC	\$503,466	\$31.08			\$503,466	\$10.90
25 Integrated Automation	\$55,382	\$3.42			\$55,382	\$1.20
26 Electrical	\$885,082	\$54.65			\$885,082	\$19.16
27 Communications	\$202,554	\$12.51			\$202,554	\$4.38
28 Electrical Safety And Security	\$199,768	\$12.33			\$199,768	\$4.32
31 Earthwork			\$217,500	\$7.25	\$217,500	\$4.71
32 Exterior Improvements			\$431,356	\$14.38	\$431,356	\$9.34
33 Utilities			\$242,310	\$8.08	\$242,310	\$5.25
Subtotal Cost	\$6,764,990	\$417.68	\$1,070,680	\$35.69	\$7,835,670	\$170
General Conditions & Requirements 13.0%	\$879,449	\$54.30	\$139,188	\$4.64	\$1,018,637	\$22.05
Bonds & Insurance 2.0%	\$152,889	\$9.44	\$24,197	\$0.81	\$177,086	\$3.83
Contractor's Fee 5.0%	\$389,866	\$24.07	\$61,703	\$2.06	\$451,570	\$9.77
Design Contingency 10.0%	\$818,719	\$50.55	\$129,577	\$4.32	\$948,296	\$20.53
Escalation to MOC, 11/19/20 7.7%	See Summary	See Summary	See Summary	See Summary	See Summary	See Summary
Total Estimated Construction Cost	\$9,005,913	\$556.04	\$1,425,347	\$47.51	\$10,431,260	\$225.80



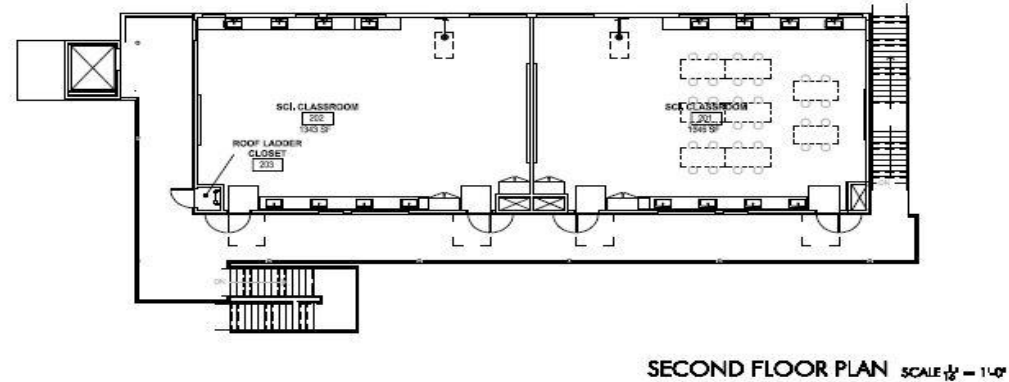
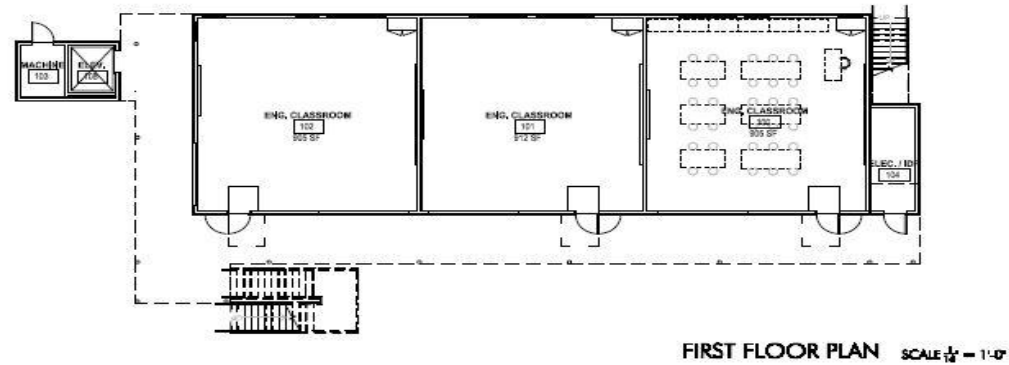
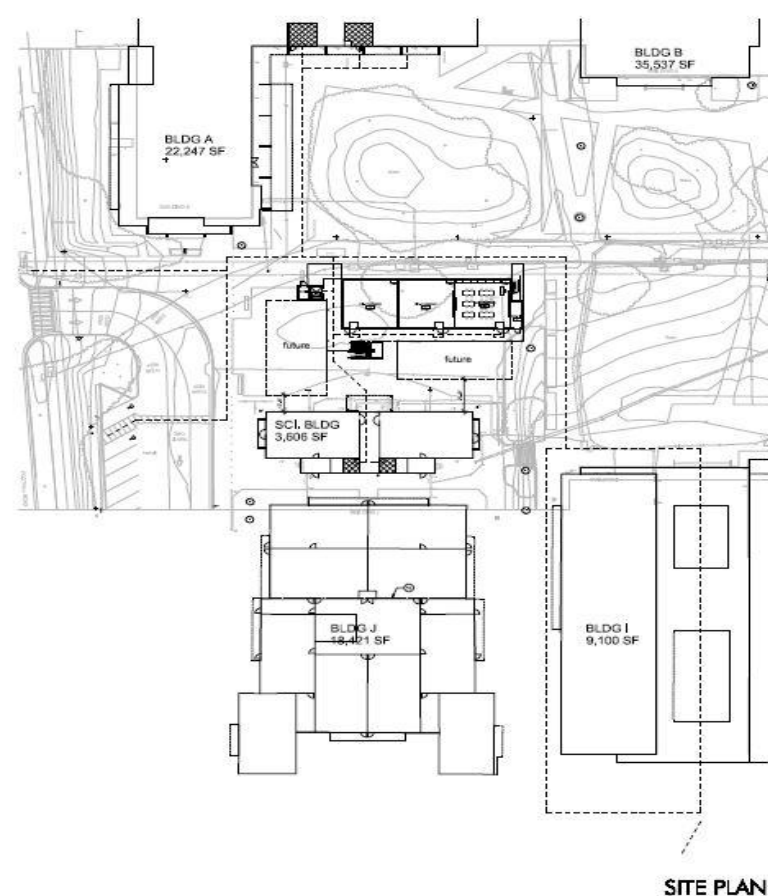
Section 3

Foothill High School



Foothill High School

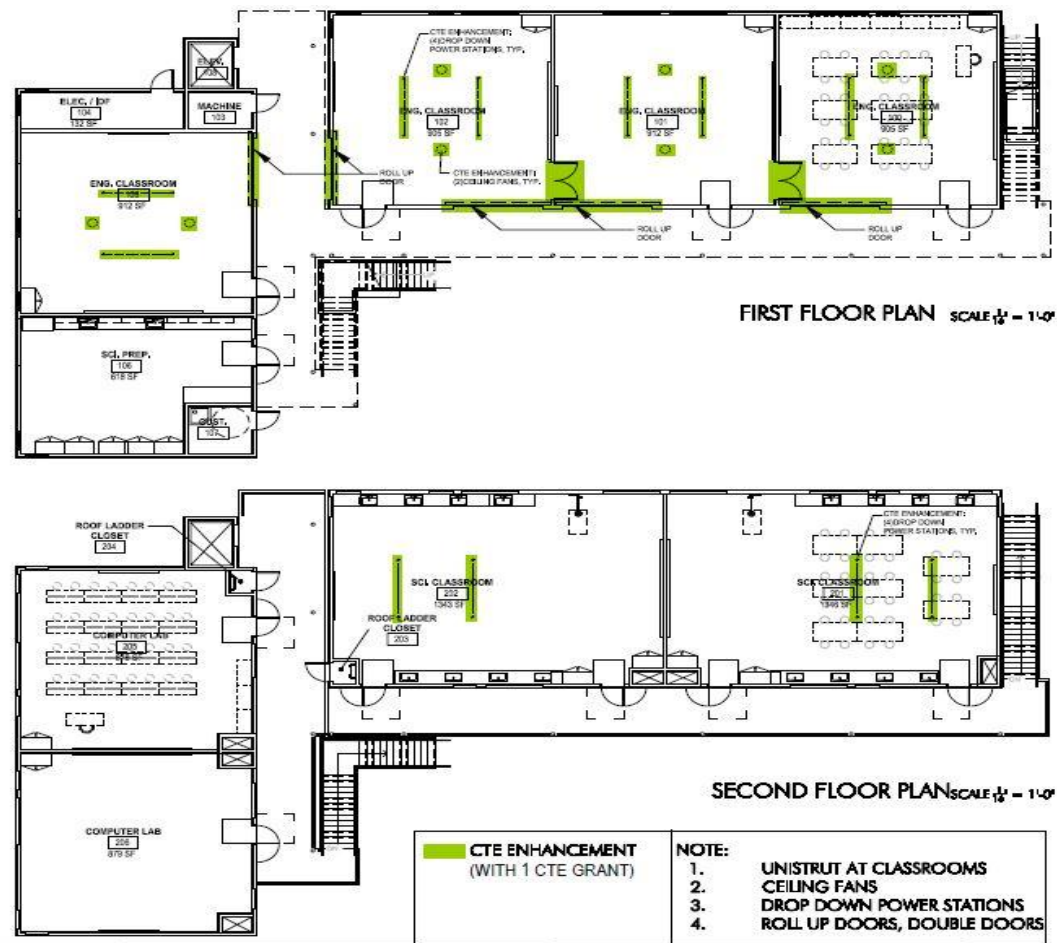
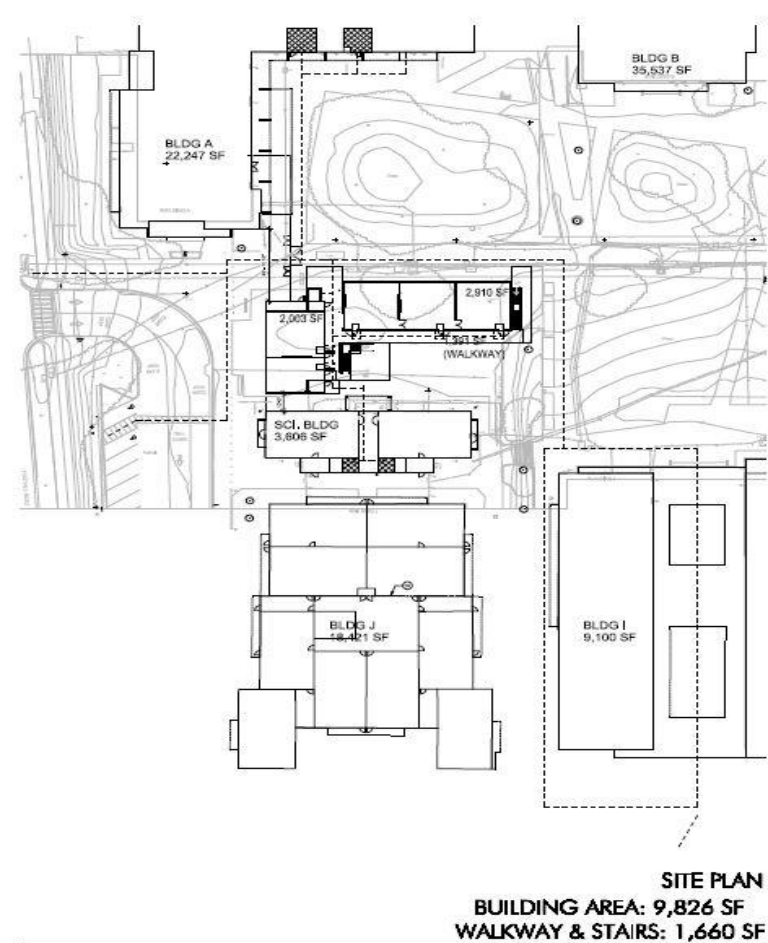
Phase 1 - \$5.6M Const. Costs (Current Funding)





Foothill High School

Phase 2 - \$8.6M Const. Costs (with Future Funding)





Foothill High School

Cost Estimate Update - Summary

Foothill High School Portable Replacement Project
Pleasanton, CA
100% Schematic Design - rev1

Project # 19-00095.00
02/19/19

SUMMARY

Element	Area	Cost / SF	Total
Classroom Building	11,299	\$626.51	\$7,078,906
Sitework	15,400	\$84.00	\$1,293,581
Total Estimated Construction Cost	11,299	\$740.99	\$8,372,487

Add Alternates

Total

Alternate 1

Add Fire Sprinkler System to Existing Building J

ADD

\$267,000

Add Fire Sprinkler System to Existing Science Building

ADD

\$53,000

Alternate 2

Add Independent Framed Wall, Extend 30" Above Roof to Create ZHR Wall at (E) Building J.
 Includes Additional Footing Work

ADD

\$220,000

Provide 2HR Wall at South Wall of New Building

ADD

\$8,000



Foothill High School

Cost Estimate Update - Detailed

Foothill High School Portable Replacement Project
Pleasanton, CA
100% Schematic Design - rev1

Project # 19-00095.00
02/19/19

SUMMARY MATRIX

Element	Classroom Building 11,299 SF		Sitework 15,400 SF		Overall Totals	
	Total	Cost/SF	Total	Cost/SF	Total	Cost/SF
01 General Requirements						
02 Existing Conditions						
03 Concrete	\$272,553	\$24.12	\$93,062	\$6.04	\$93,062	\$8.24
04 Masonry					\$272,553	\$24.12
05 Metals	\$252,146	\$22.32			\$252,146	\$22.32
06 Wood, Plastics, And Composites	\$796,438	\$70.49			\$796,438	\$70.49
07 Thermal And Moisture Protection	\$298,318	\$26.40			\$298,318	\$26.40
08 Openings	\$230,205	\$20.37			\$230,205	\$20.37
09 Finishes	\$942,235	\$83.39			\$942,235	\$83.39
10 Specialties	\$31,465	\$2.78			\$31,465	\$2.78
11 Equipment	\$130,195	\$11.52			\$130,195	\$11.52
12 Furnishings	\$19,840	\$1.76			\$19,840	\$1.76
13 Special Construction						
14 Conveying Systems	\$190,000	\$16.82			\$190,000	\$16.82
21 Fire Suppression	\$79,785	\$7.06			\$79,785	\$7.06
22 Plumbing	\$313,679	\$27.76			\$313,679	\$27.76
23 HVAC	\$432,419	\$38.27			\$432,419	\$38.27
25 Integrated Automation	\$30,656	\$2.71			\$30,656	\$2.71
26 Electrical	\$633,129	\$56.03			\$633,129	\$56.03
27 Communications	\$106,168	\$9.40			\$106,168	\$9.40
28 Electrical Safety And Security	\$135,073	\$11.95			\$135,073	\$11.95
31 Earthwork			\$111,650	\$7.25	\$111,650	\$7.25
32 Exterior Improvements			\$382,383	\$24.83	\$382,383	\$24.83
33 Utilities			\$307,278	\$19.95	\$307,278	\$19.95
Subtotal Cost	\$4,894,305	\$433.16	\$894,373	\$58.08	\$5,788,677	\$512
General Conditions & General Requirements 14.0%	\$685,203	\$60.64	\$125,212	\$8.13	\$810,415	\$71.72
Bonds & Insurance 2.0%	\$111,590	\$9.88	\$20,392	\$1.32	\$131,982	\$11.68
Contractor's Fee 5.0%	\$284,555	\$25.18	\$51,999	\$3.38	\$336,554	\$29.79
Design Contingency 10.0%	\$597,565	\$52.89	\$109,198	\$7.09	\$706,763	\$62.55
Escalation to MOC, 10/22/20 7.7%	\$505,688	\$44.76	\$92,408	\$6.00	\$598,096	\$52.93
Total Estimated Construction Cost	\$7,078,906	\$626.51	\$1,293,581	\$84.00	\$8,372,487	\$740.99



Section 4

CTE Grant Application Update

Glen Sparks

Director of Adult & Career Education



Section 5

Next Steps



Amador Valley High School

Estimated Project Schedule Update

PREVIOUS ESTIMATED PROJECT SCHEDULE, OCTOBER 23, 2018

DSA Submittal	Summer 2019
Board Approval / Bidding	Fall 2019
Targeted Construction Start Date	Summer 2020

ESTIMATED PROJECT SCHEDULE AS OF MARCH 1, 2019

DSA Submittal	Fall 2019
Board Approval / Bidding	Spring 2020
Targeted Construction Start Date	Fall 2020



Foothill High School

Estimated Project Schedule Update

PREVIOUS ESTIMATED PROJECT SCHEDULE, OCTOBER 23, 2018

DSA Submittal	Winter 2019
Board Approval / Bidding	Spring 2020
Targeted Construction Start Date	Summer 2020

ESTIMATED PROJECT SCHEDULE AS OF MARCH 1, 2019

DSA Submittal	Fall 2019
Board Approval / Bidding	Spring 2020
Targeted Construction Start Date	Fall 2020